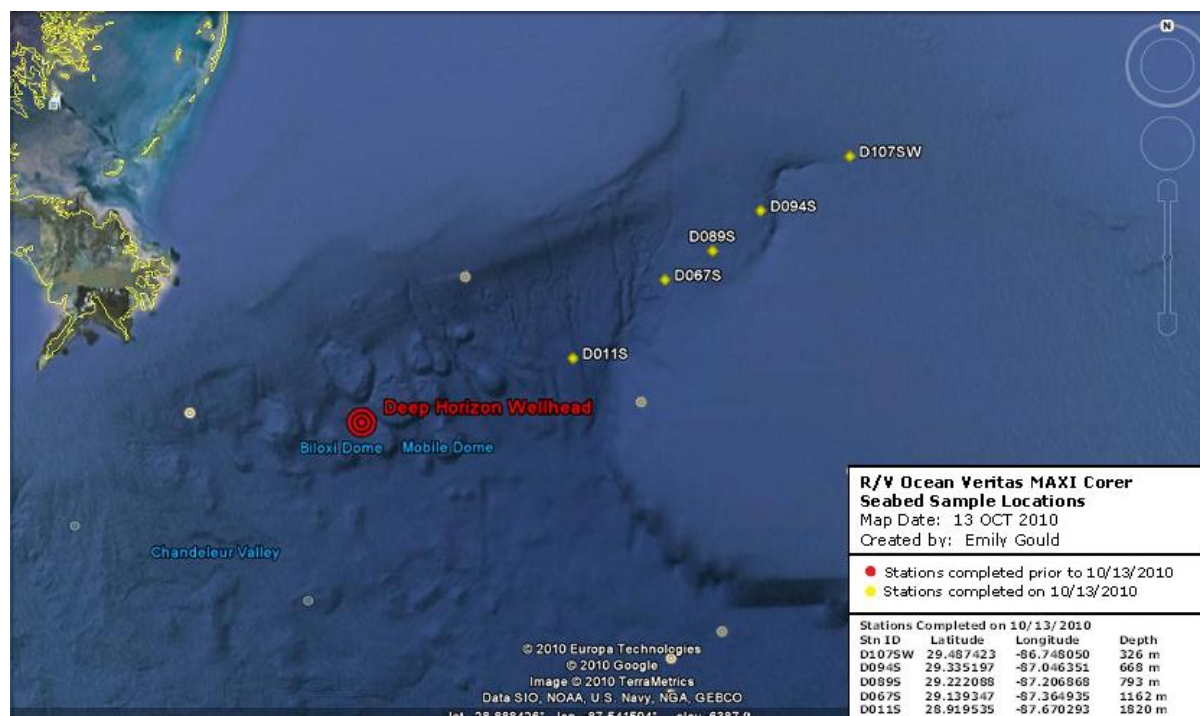


<i>Seabed Sampling and Baited Camera Operations</i>	
Vessel	R/V Ocean Veritas
Summary Report Number	13
Operating equipment	MAXI Corer (8 core unit)
Date	13 October 2010
Completed casts (12 hr)	05
Report compiled by	Emily Gould

### Seabed Sampling Locations



All cores were processed and stored in accordance with SOPOV01. GC/MS and Microtox™ toxicology testing was planned to be conducted offshore, however outstanding supplies meant that this was not possible. Samples were prepared and stored for hydrocarbon, trace metal, BTEX, grainsize, total inorganic carbon, total organic carbon, meiofauna and macrofauna testing and analysis onshore. Collection of hydrocarbon archive samples (0-3cm) from VA cores was resumed.

The core tube is 60 cm in length with an internal diameter of 10 cm. Typical sample recovery from the core is as follows:

Supernatant water: length = 15 cm, volume = 1178 cm<sup>3</sup>

Sediment: length = 45 cm, volume = 3534 cm<sup>3</sup>

## Station D107SW

Lat: 29.487423

Long: -86.748050

Cores recovered: 8 of 8

### Supernatant water

Recovery: 24 cm

Visible contamination: None

Olfactible contamination: None

### Sediment

Recovery: 36 cm

Visible contamination: None

Olfactible contamination: None

Description: Olive, very soft, homogenous sandy silt, becoming soft.

Biota: Polychaetes.

Top 3 cm removed for GC/MS analysis prior to core extrusion.



## Station D094S

Lat: 29.335197

Long: -87.046351

Cores recovered: 8 of 8

### Supernatant water

Recovery: 22 cm

Visible contamination: None

Olfactible contamination: None

### Sediment

Recovery: 38 cm

Visible contamination: None

Olfactible contamination: None

Description: Olive grey, very soft, homogenous sandy silt, becoming soft.

Biota: None.

Top 3 cm removed for GC/MS analysis prior to core extrusion.



## Station D089S

Lat: 29.222088

Long: -87.206868

Cores recovered: 8 of 8

### Supernatant water

Recovery: 16 cm

Visible contamination: None

Olfactible contamination: None

### Sediment

Recovery: 44 cm

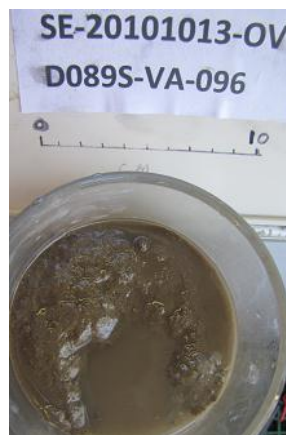
Visible contamination: None

Olfactible contamination: None

Description: Olive grey, very soft, homogenous silty clay.

Biota: Amphipod.

Top 3 cm removed for GC/MS analysis prior to core extrusion.





## Station D067S

Lat: 29.139347

Long: -87.364935

Cores recovered: 8 of 8

### Supernatant water

Recovery: 17 cm

Visible contamination: None

Olfactible contamination: None

### Sediment

Recovery: 43 cm

Visible contamination: None

Olfactible contamination: None

Description: Olive grey, very soft, homogenous silty clay.

Biota: None.

Top 3 cm removed for GC/MS analysis prior to core extrusion.



## Station D011S

Lat: 28.919535

Long: -87.670293

Cores recovered: 5 of 8

### Supernatant water

Recovery: 14 cm

Visible contamination: None

Olfactible contamination: None

### Sediment

Recovery: 46 cm

Visible contamination: None

Olfactible contamination: None

Description: Top 10cm olive, fluidized sediment, becoming light olive grey, soft, homogenous silty clay.

Biota: None.

Top 3 cm removed for GC/MS analysis prior to core extrusion.

